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| <b>FEE TRANSMITTAL</b><br><b>for FY 2003</b><br>Effective 01/01/2003. Patent fees are subject to annual revision. |  | Complete if Known    |                         |
|                                                                                                                   |  | Application Number   | 09/407,475              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27                                    |  | Filing Date          | September 28, 1999      |
|                                                                                                                   |  | First Named Inventor | William J. Mayer et al. |
|                                                                                                                   |  | Examiner Name        | Nguyen, Danny           |
|                                                                                                                   |  | Art Unit             | 2836                    |
| TOTAL AMOUNT OF PAYMENT                                                                                           |  | (\$)                 | 168.00                  |
|                                                                                                                   |  | Attorney Docket No.  | 99AB133                 |

| <b>METHOD OF PAYMENT (check all that apply)</b><br><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None<br><input checked="" type="checkbox"/> Deposit Account:<br>Deposit Account Number: 17-0055<br>Deposit Account Name: Quarles & Brady LLP<br>The Commissioner is authorized to: (check all that apply)<br><input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments<br><input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application<br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above identified deposit account. |              | <b>FEE CALCULATION (continued)</b><br><b>3. ADDITIONAL FEES</b><br><table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1061</td> <td>130</td> <td>2050</td> <td>85</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920</td> <td>1804</td> <td>920</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840</td> <td>1805</td> <td>1,840</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252</td> <td>205</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253</td> <td>465</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,450</td> <td>2254</td> <td>725</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>1,970</td> <td>2255</td> <td>985</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,300</td> <td>2453</td> <td>650</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,300</td> <td>2501</td> <td>650</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502</td> <td>235</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>630</td> <td>2503</td> <td>315</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1808</td> <td>180</td> <td>1808</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>750</td> <td>2809</td> <td>375</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>750</td> <td>2810</td> <td>375</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>750</td> <td>2801</td> <td>375</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> </tbody> </table> |          | Large Entity                                                               | Small Entity | Fee Code | Fee Code | Fee Description | Fee Paid | 1061 | 130 | 2050 | 85 | Surcharge - late filing fee or oath |  | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet |  | 1053 | 130 | 1053 | 130 | Non-English specification |  | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination |  | 1804 | 920 | 1804 | 920 | Requesting publication of SIR prior to Examiner action |  | 1805 | 1,840 | 1805 | 1,840 | Requesting publication of SIR after Examiner action |  | 1251 | 110 | 2251 | 55 | Extension for reply within first month |  | 1252 | 410 | 2252 | 205 | Extension for reply within second month |  | 1253 | 930 | 2253 | 465 | Extension for reply within third month |  | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month |  | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month |  | 1401 | 320 | 2401 | 160 | Notice of Appeal |  | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal |  | 1403 | 280 | 2403 | 140 | Request for oral hearing |  | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional |  | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) |  | 1502 | 470 | 2502 | 235 | Design issue fee |  | 1503 | 630 | 2503 | 315 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |  | 1808 | 180 | 1808 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  |
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--|------|-----|------|-----|--------------------------------------------------------|--|------|-------|------|-------|-----------------------------------------------------|--|------|-----|------|----|----------------------------------------|--|------|-----|------|-----|-----------------------------------------|--|------|-----|------|-----|----------------------------------------|--|------|-------|------|-----|-----------------------------------------|--|------|-------|------|-----|----------------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|----------------------------------------|--|------|-----|------|-----|--------------------------|--|------|-------|------|-------|-----------------------------------------------|--|------|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|------|-------|------|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|-------------------------------------|--|------|-----|------|-----|-------------------------------------------|--|------|----|------|----|----------------------------------------------------------------------------|--|------|-----|------|-----|---------------------------------------------------------------|--|------|-----|------|-----|------------------------------------------------------------------|--|------|-----|------|-----|-----------------------------------------|--|------|-----|------|-----|-----------------------------------------------------------|--|
| Large Entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Small Entity | Fee Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fee Code | Fee Description                                                            | Fee Paid     |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |  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| 1061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 130          | 2050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 85       | Surcharge - late filing fee or oath                                        |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
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late provisional filing fee or cover sheet                     |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
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| 1812                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2,520        | 1812                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2,520    | For filing a request for ex parte reexamination                            |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |  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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 920      | Requesting publication of SIR prior to Examiner action                     |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |  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| 1805                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1,840        | 1805                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1,840    | Requesting publication of SIR after Examiner action                        |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |  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| 1251                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 110          | 2251                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 55       | Extension for reply within first month                                     |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |  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| 1252                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 410          | 2252                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 205      | Extension for reply within second month                                    |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     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| 1253                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 930          | 2253                                                                                                                                                                                                         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| 1254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1,450        | 2254                                                                                                                                                                                                         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| 1255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1,970        | 2255                                                                                                                                                                                                         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    |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     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| 1401                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 320          | 2401                                                                                                                                                                                                         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| 1402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 320          | 2402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 160      | Filing a brief in support of an appeal                                     |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     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| 1451                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1,510        | 1451                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1,510    | Petition to institute a public use proceeding                              |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     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| 1452                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 110          | 2452                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 55       | Petition to revive - unavoidable                                           |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
| 1453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1,300        | 2453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 650      | Petition to revive - unintentional                                         |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
| 1501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1,300        | 2501                                                                                                                                                                                                         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    |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     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| 1502                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 470          | 2502                                                                                                                                                                                                         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    |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     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| 1503                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 630          | 2503                                                                                                                                                                                                         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|                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
| 1460                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 130          | 1460                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 130      | Petitions to the Commissioner                                              |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
| 1807                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 50           | 1807                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 50       | Processing fee under 37 CFR 1.17(q)                                        |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     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| 1808                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 180          | 1808                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 180      | Submission of Information Disclosure Stmt                                  |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
| 8021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 40           | 8021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 40       | Recording each patent assignment per property (times number of properties) |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
| 1809                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 750          | 2809                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 375      | Filing a submission after final rejection (37 CFR § 1.129(a))              |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
| 1810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 750          | 2810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 375      | For each additional invention to be examined (37 CFR § 1.129(b))           |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
| 1801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 750          | 2801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 375      | Request for Continued Examination (RCE)                                    |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                               |  |      |     |      |     |                                                                  |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |
| 1802                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 900          | 1802                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 900      | Request for expedited examination of a design application                  |              |          |          |                 |          |      |     |      |    |                                     |  |      |    |      |    |                                                        |  |      |     |      |     |                           |  |      |       |      |       |                                                 |  |      |     |      |     |                                                        |  |      |       |      |       |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                                         |  |      |       |      |     |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     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| Large Entity | Small Entity | Fee Code | Fee Code | Fee Description        | Fee Paid |
|--------------|--------------|----------|----------|------------------------|----------|
| 1001         | 750          | 2001     | 375      | Utility filing fee     |          |
| 1002         | 330          | 2002     | 165      | Design filing fee      |          |
| 1003         | 520          | 2003     | 260      | Plant filing fee       |          |
| 1004         | 750          | 2004     | 375      | Reissue filing fee     |          |
| 1005         | 160          | 2005     | 80       | Provisional filing fee |          |

SUBTOTAL (1) (\$)

0.00

| Large Entity | Small Entity | Fee Code | Fee Code | Fee Description                                            | Fee Paid |
|--------------|--------------|----------|----------|------------------------------------------------------------|----------|
| 1202         | 18           | 2202     | 9        | Claims in excess of 20                                     |          |
| 1201         | 84           | 2201     | 42       | Independent claims in excess of 3                          |          |
| 1203         | 280          | 2203     | 140      | Multiple dependent claim, if not paid                      |          |
| 1204         | 84           | 2204     | 42       | ** Reissue independent claims over original patent         |          |
| 1205         | 18           | 2205     | 9        | ** Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) (\$)

168.00

\*\*or number previously paid, if greater; For Reissues, see above

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) (\$)

0.00

|                   |                 |                                   |                |
|-------------------|-----------------|-----------------------------------|----------------|
| SUBMITTED BY      |                 | Complete if applicable            |                |
| Name (Print Type) | John T. Plankos | Registration No. (Attorney/Agent) | 42,997         |
| Signature         |                 | Telephone                         | 414-277-5777   |
|                   |                 | Date                              | August 7, 2003 |

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5452291

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411 East Wisconsin Avenue  
Milwaukee, Wisconsin  
53202  
414/277-5000  
FAX 414/271-3552  
414/277-5591

Attorneys at Law in  
Milwaukee and Madison, Wisconsin  
Naples and Boca Raton, Florida  
Phoenix and Tucson, Arizona  
Chicago, Illinois (Quarles & Brady LLC)

**FAX TRANSMITTAL COVER SHEET**

To: Examiner Nguyen  
USPTO

FAX: 17038729306

Phone:

From: John T. Pienkos

Phone:

FAX:

Number of Pages (including cover sheet): 11

Date & Time Faxed: Wednesday, March 10, 2004 4:23:24 PM

Message:

Please find enclosed the Amendment (9 pgs) and Fee Transmittal for 2 extra independent claims for Appl. 09/407,475, docket no. 99AB133. These documents were also submitted by facsimile on August 7, 2003. Please call me at 414-277-5777 if you have any questions.

Thank you,  
John T. Pienkos

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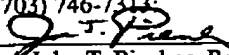
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## PATENT

I hereby certify that this correspondence is being transmitted by facsimile to Examiner Nguyen at the U.S. Patent and Trademark Office on the date set forth below at facsimile no. (703) 746-7313.  
Date of Signature and Deposit: 8/7/03   
John T. Pienkos, Reg. No. 42,997

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 09/407,475  
Applicant: William J. Mayer et al.  
Filed: September 28, 1999  
TC/Art Unit: 2836  
Examiner: Nguyen, Danny  
Docket No.: 99AB133  
Customer No.: --

Confirmation No.: 2818

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## AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office action of June 30, 2003, and the Examiner's Interview conducted on August 6, 2003, please amend the above-identified Application as follows:

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper.